

BUTLER 1632.  
AN  
ALMANACK  
for the yeare of our  
LORD CHRIST  
1632.

¶ Being bissextile or leap-year.

¶ Calculated and chiefly referred to  
the meridian of the honourable citie of  
London, and may indifferently serve for  
all the south parts of great Britain.

For { Latitude 51 degrees, 32 minutes.  
the { Longitude 25 degrees, 40 minutes

Again amplified with tables and other rules and directi-  
ons usefull both for profit and pleasure,

By ROBERT BUTLER.

Printed by the printers to the Uni-  
versitie of Cambridge.



# Common notes of the moveable feasts.

According to the year  $\infty$  According to the year

1 6 3 2.

1 6 3 3.

18	The golden number	19
18	The epact	29
17	The circle of the sunne	18
	The Dominicall letter	f
15	The Romane indiction	1
12 Februar.	Shrove-sunday	March 3
1 Aprill	Easter-day	April 21
10 May	Ascension-day	May 30
20 May	Whitsunday	June 9
2 Decemb.	Advent sunday	Decemb. 1

7 weeks.	{	Christmas till Shrovelun.	{	7 weeks 5 da.
7 weeks	{	Trinity till Adventsunda.	{	24 weeks

Since	The creation of the world	5662
	Noahs flood	4006
	The birch of Abraham	3654
	Israels departure out of Egypt	3149
	Building of London	2710
	Destruction of Jerusalem.	1549
	England receiv'd the Christian faith	1452
	Duke William the Conquerour	566
	Gunnies were invented	252
	Printing was invented	171
	The royall exchange was built	67
	The rebellion in the north	63
	Massacre in France	60
	Tilbury camp	44
	King Charls was born November 19	32
	The damnable gunpowder-treason	27
	The last great frost	24
The death of Prince Henry	10	
The last blazing starre	14	
His Majesties reigne began 27 of March	7	
Prince Charles was born the 29 of May	2	

Hil  
Retur  
Oftab.  
Quind  
Crast. F  
Oftab. 1  
Starre-  
Quind.  
Tres P  
Mens. P  
Quing.  
Crast.  
Tri  
Crast. T  
Oftab. T  
Quind. T  
Tres T  
Mich.  
Oftab.  
Quind.  
Tres A  
Mens. A  
Crast. A  
Crast. M  
Oftab. M  
Quind. S  
Starre  
dayes.



A plain and easie table of the four termes  
and their returns for this year 1632.

*Hillary terme begins January 23, ends February 13 day.*

Return day, or da. of effoyne | da. of excep | return brev. | day of appa

*Oftob. Hillar.* Januar. 20 | Januar. 21 | Januar. 23 | Januar. 24

*Quind Hillar.* Januar. 27 | Januar. 28 | Januar. 3 | Januar. 31

*Craft. Purific.* Februar. 3 | Februar. 4 | Februar. 6 | Februar. 7

*Oftob. Purific.* Februar. 9 | Februar. 10 | Februar. 11 | Februar. 13

*Sarre-chamber dayes* January 25, 27. February 1, 3, 8, 10, 11.

*Easter term begins April 18, ends May 14 day.*

*Quind. Pasch.* April 16 | April 17 | April 18 | April 19

*Tres Pasch.* April 23 | April 24 | April 25 | April 26

*Mens. Pasch.* April 30 | May 1 | May 2 | May 3

*Quind. Pasch.* May 7 | May 8 | May 9 | May 9

*Craft. Ascen.* May 11 | May 12 | May 14 | May 14

*Sarre-chamber* { April 18, 20, 25, 27.  
dayes. { May 2, 4, 9, 11, 15.

*Trinity term begins June 1, and ends June 20 day.*

*Craft. Trinit.* May 28 | May 29 | May 30 | May 30

*Oftob. Trin.* June 4 | June 5 | June 6 | June 7

*Quind. Trin.* June 11 | June 12 | June 13 | June 14

*Tres Trin.* June 18 | June 19 | June 20 | June 21

*Sarre-chamber dayes* June 1, 6, 8, 13, 15, 20.

*Michaelmas term begins October 9, ends Novemb. 28 day.*

*Oftob. Mich.* Octob. 6 | Octob. 8 | Octob. 8 | Octob. 9

*Quind. Mich.* Octob. 13 | Octob. 14 | Octob. 15 | Octob. 16

*Tres Mich.* Octob. 20 | Octob. 21 | Octob. 22 | Octob. 23

*Mens. Mich.* Octob. 27 | Octob. 29 | Octob. 29 | Octob. 30

*Craft. Anim.* Noyem. 3 | Noyem. 5 | Noyem. 5 | Noyem. 6

*Craft. Martin.* Noyem. 12 | Noyem. 13 | Noyem. 1 | Noyem. 15

*Oftob. Martin.* Noyem. 19 | Noyem. 19 | Noyem. 20 | Noyem. 21

*Quind. Mart.* Noyem. 26 | Noyem. 26 | Noyem. 2 | Noyem. 28

*Sarre-chamber* { October 10, 13, 17, 19, 24, 26, 31.  
dayes. { November 2, 7, 9, 14, 16, 21, 23, 28, 29.



A tide table, whereby is readily found the time  
of full sea, at the principall havens in or  
neare England.

<b>H</b> Artlepool, Tinmouth, Amsterdam, Galsgoin	0	0
Barwick, Ostend, Scarborough, Flamborough, Flush,		45
Erith, Leith, Dunbar, Narbon, Monsh. Egmon.	1	30
Flamouth, Garnsey, Lizard, Waterford, Torbay.	2	15
Foy, Humber, Lin, Weymouth, Dartmouth, Plimouth	3	
Bristol, Foulness, Lanion, Antwerp, Montbay, Hamboro.	3	45
Milford, Bridgwater, Exwater, Northcoast, Texwell	4	30
Portland, Peterport, Hareflew, Blanch, Hage	5	15
Orkney-pool, Orwell, S. Hellen, Fee, Embden	6	
Orford, Caster, Needles, Deep, Laysto, Lenow,	6	45
Harwich, Dover, Yarmouth, Dublin, Wight	7	30
Calice, Rie, Winchelsey, Gorend, Calthor	8	15
Quinborough, Southampton, Portsmouth, Spits, Wellins	9	
Rochester, Redban, Aberden, Malden, West of Nore	9	45
Downs, Gravesend, Romney, Tenner, Ramkins	10	30
Dundee, S. Andrews, Silly, Lisbon, S. Lucas, Maze	11	15

The use of the table.

For the finding of full sea in any of the ports abobe named, let the day be noted wherein the time of full sea is required, and look in the seventh columnne of the almanack, and right again<sup>t</sup> the same day you shall finde the time of full sea at London-bridge: unto which adde the houres and minutes found in this table against the same place, and the totall thereof is your desire. But remember that if the summe of the addition exceed 12, you subtract 12 from the totall, and the r. mainder itewes the time of full sea.

Example.

January the first, I would know the time of full sea at Gravesend. By the 7<sup>th</sup> columnne I finde that at London-bridge it is high water at 6 and 23 minutes, to which I adde 10 houres and 30 minutes, which I finde placed against Gravesend, and the totall is 16 and 53 minutes: from which I cast 12, and there remains 4 and 53 minutes, the time of full sea at the place on the day required.



THE  
Anatomie of Mans body, as the parts  
thereof are by Astrologers attributed  
unto the 12 signes of the zodiaque.

V Head and face.

♈  
Neck and  
throat.  
♊  
Breast, sto-  
mack, and  
ribs.  
♋  
Bowels  
and belly  
m  
Secret  
members.  
♌  
Knees.



♊  
Arms and  
shoulders  
♋  
Heart and  
back.  
♌  
Reins and  
loyns.  
♍  
Thighs.  
♎  
Legs.

♐ the feet.

		day	hour.	min.	
The time of the Saturnes entrance into	♊	January	10	00	01 at noon.
	♋	February	9	2	23 morning.
	♌	March	10	3	38 morning.
	♍	April	9	6	7 at night.
	♎	May	10	8	49 at night.
	♏	June	11	8	21 morning.
	♐	July	12	8	46 at night.
	♑	August	13	2	47 morning.
	♒	Septem.	12	10	24 at night.
	♓	October	13	4	17 morning.
	♈	Novemb.	11	10	18 at night.
	♉	Decemb.	11	8	46 morning.



January hath xxxi dayes.

Last quarter the 4 day, at 8 at night.  
New moon the 11 day, at 2 afternoon  
First quarter the 19 day, at 5 morning  
Full moon the 26 day, at 5 at night.

1	a	Circumcisiō	virg	8	☐ ♀	10	p	3	5	6	37	
2	b	Octa Steph.	virg	21	) * h	10	p	4	c	7	18	e
3	c	Octa John	libz	5	△ ♀	5	a	4	1	8	12	f
4	d	Octa Innoc.	libz	19	♂ ♀	1	a	4	2	9		g
5	e	12. Edw. dep.	scorp	4	☐ ♀	2	p	4	3	9	50	a
6	f	Twelf day	scorp	18	) perig.			4	4	10	45	b
7	g	Iulian	lagit	3	☐ h	3	a	4	6	11	36	c
8	a	1 Sun. aft. Epip	lag	18	△ ♀	4	a	4	7	12	28	d
9	b	Agapite	capz	2	♂ △	1	a	4	8	1	20	e
10	c	Mid. noon	capz	16	* ♀	9	a	4	10	2	13	f
11	d	Higinus	capz	30	h *	8	a	4	11	3		g
12	e	Archadius	aqu	14	♂ ♀	5	p	4	13	3	40	a
13	f	Hillarie bish.	aqu	27	♂ ♂	5	a	4	15	4	28	b
14	g	Felix & Jame	pisc	10				4	17	5	14	c
15	a	2 Sun. aft. Epip	pisc	23	△ ) h	10	p	4	19	5	57	d
16	b	Marcellus	arie	6	♂ ♂ ♀	1	p	4	20	6	40	e
17	c	Anthonie	arie	18	♂ ♀	4	a	4	22	7	25	f
18	d	Peter Chair	arie	30	* ) ♀	1	a	4	23	8	11	g
19	e	Molstand	taur	13	) ♀	9	a	4	25	9		a
20	f	Octab. Hillar.	taur	25	☐ ♂	4	a	4	27	9	51	b
21	g	Agnes's virg	gem	7	☐ ♀	3	a	4	28	10	46	c
22	a	3 Sun. aft. Epip	gem	19	* ♀	4	a	4	30	11	37	d
23	b	Term begin	canc	2	♂ ♀	7	a	4	31	12	30	e
24	c	Timothe	canc	14	☐ ♀	3	p	4	33	1	22	f
25	d	Conv. of Paul	canc	26	* ☉ ♀	11	p	4	34	2	15	g
26	e	Holicarp	leo	9				4	35	3		a
27	f	Quind. Hillar.	leo	22	♂ ♀	6	a	4	37	3	41	b
28	g	Agnes	virg	5	♂ ♂ ☉	6	p	4	9	4	29	c
29	a	Septuagesima	vir	18				4	41	5	14	d
30	b	Batid	liba	2	☐ ♀	5	p	4	43	5	57	e
31	c	Saturn	libz	16	♂ ♀	2	p	4	45	6	41	f



The seven starres south, at 7 a clock and 53 min. at night.  
 The Bulls eye south, at 8 a clock and 42 minutes at night.  
 Orions right shoulder south, at 10 and 2 minutes at night.  
 The gear dog starre south, at 11 and 47 minutes at night.  
 The lions heart south, at 2 and 2 minutes morning.  
 The lions tail south, at 3 and 57 minutes morning.

accompt.

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# February hath xxix dayes.

Last quarter the 3 day, at 4 a clock and 5 minutes morning.  
 New moon the 10 day, at 3 and 18 minutes morning.  
 First quarter the 18 day, at 2 and 25 minutes morning.  
 Full moon the 25 at 5 a clock at night.

1	d	Widger Fast	libz 30	△	♂	5	p	4	46	7	25	g	11
2	e	Purific. Mar.	leo 14	□	♂	3	p	4	48	8	13	a	12
3	f	Cross. Purific.	leo 29	♂	h	1	p	4	50	9		b	13
4	g	Gilbert	sag 13	△	♂	4	p	4	52	9	50	c	14
5	a	Sexagesima	sag 28										
6	b	Dorothe	capz 12	♂	♀	11	a	4	55	11	36	e	16
7	c	August bish.	capz 26	*	h	6	p	4	57	12	28	f	17
8	d	Paul bish.	aqu 10	□	♂	9	p	4	59	1	20	g	18
9	e	Octab. Purific	aqu 23	*	♂	3	a	1		2	14	a	19
10	f	in	pisc 6	♂	♀	1	p	5	3	3		b	20
11	g	Eufrosia	pisc 19	*	♀	7	a	5	5	3	43	c	21
12	a	Shrovesunday	arte 1	♂	♀	2	p	5	7	4	31	d	22
13	b	Termends.	arte 14	♂	♀	10	p	5	9	5	15	e	23
14	c	Valentine	arte 26	□	♀	1	a	5	11	5	58	f	24
15	d	Valentine	taur 8	♂	♀	3	p	5	13	6	42	g	25
16	e	Julian b'rg	taur 20	♂	♀	apog.			15	7	26	h	26
17	f	Constance	gem 2	□	h	7	a	5	17	8	13	a	27
18	g	Simeon	gem 15	*	♂	5	a	5	19	9		b	28
19	a	Quadragesima	gem 27	△	♂	2	p	5	21	9	50	c	29
20	b	Wibred	canc 9						23	10	43	d	30
21	c	79 Martyrs	canc 22	♂	♀	11	p	5	25	11	36	e	31
22	d	Ember week	leo 5	♂	♂	10	p	5	27	12	28	f	32
23	e	Polycarp	leo 17	△	♂	7	p	5	29	1	20	g	33
24	f	Fa	virg 1	*	h	7	a	5	31	2	10	a	34
25	g	Matthias apo	virg 14						33	3		b	35
26	a	2 Sun. in lent.	virg 28	*	h	4	p	5	35	3	52	c	36
27	b	Augustine	libz 12	*	♂	7	a	5	37	4	43	d	37
28	c	Romanus	libz 26	♂	♀	5	a	5	39	5	35	e	38
29	d		leo 11	♂	♀	9	a	5	41	6	27	f	39

Note that on the 27 day of March, K. Charles begins the 8 year of his reigne.



Orions right shoulder south, at 7 and 53 minutes at night.  
 The great dog starre south, at 8 and 49 minutes at night.  
 The litle dog starre south, at 9 and 40 minutes at night.  
 The lions heart south, at 12 and 13 minutes after morning  
 The lions tail south, at 1 a clock and 50 minutes morn.  
 Virgins spick south, at 3 and 26 minutes morning.  
 Arcturus south, at 4 and 19 minutes in the morning.

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5	g 11	1	Cal.
8	a 12	2	4
b	13	3	3
c	14	4	Prid
d	15	5	Non
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g	18	8	6
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b	20	10	4
c	21	11	3
d	22	12	Prid
e	23	13	Idm
f	24	14	16
g	25	15	15
a	26	16	14
b	27	17	13
c	28	18	12
d	29	19	11
e	30	20	10
f	1	21	9
g	2	22	8
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b	4	24	6
c	5	25	6
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1	d	David bish.	scor	25	♂ ☾	7 p	5	42	7	20	g	11
2	e	Chad bish.	lag	10	△ ☽	10 a	5	44	8	10	a	12
3	f	Manice	lag	24	△ ♀	10 a	5	46	9		b	13
4	g	3 Sund.in lent	capz	9			5	48	9	45		14
5	a	Eusebius	capz	23	□ ♀	2 p	5	50	10	40	d	15
6	b	Nicor	aqua	6	♂ ☽	4 p	5	52	11	37	e	16
7	c	Thom. Aquin	aqu	20	* ☾	8 p	5	54	12	30	f	17
8	d	Felix bish.	pnce	3	□ ♀	7 a	5	56	1	22	g	18
9	e	40 Martyrs	pisc	15			5	58	2	1	a	19
10	f	3 38 a	pisc	28	△ ☽	2 a	5		3		b	20
11	g	Midlent sund.	arie	10	△ ☽	0 a	5	2	3	45		21
12	a	Gregory	arie	22	♂ ♀	8 p	5	4	4	30	d	22
13	b	Euphras. virg	taur	4	♂ ☽	8 p	5	6	5	15	e	23
14	c	Peter mart.	tau	16	♂ Apog.		5	8	6	00	f	24
15	d	Longinus	tau	28	♂ ♀	3 p	5	10	6	45	ann.	
16	e	Gartrud	gem	10	□ ♀	1 p	5	12	7	30	a	26
17	f	Patrick	gem	22	* ♀	8 p	5	14	8	15	b	27
18	g	5 Sund.in lent	canc	5			5	16	9			28
19	a	Jos. huf. Mary	canc	17	△ ☽	2 a	5	18	9	45	d	29
20	b	Euthbert	canc	30	△ ♀	1 p	5	20	10	30	e	30
21	c	Benedict	leo	12	♂ ☽	4 a	5	22	11	15	f	31
22	d	Sphzodose	leo	26	□ ♀	7 p	6	24	12	2	April	
23	e	Theodore	virg	9			5	26	12	46	a	2
24	f	Botulph Fast	virg	23	♂ ♀	1 p	5	28	1	32	b	3
25	g	ann. or Mary	libz	7	* ☽	5 p	5	30	2	14		4
26	a	Casto Mart	libz	21	♂ ♀	11 p	5	32	3		d	5
27	b	lit. reg	scor	6	□ ☽	7 p	5	34	4	00	e	6
28	c	Dorothe virg	scor	20	♂ Perig.		5	36	5	00	f	7
29	d	Eustace	lag	5	♂ ♀	2 a	5	38	6	00	g	8
30	e	Guidon	lag	20			5	40	7	00	a	9
31	f	Adeln bish.	capz	5	△ ♀	3 a	5	42	8	00	b	10



The little dog starre south, at 7 and 52 minutes at night.  
 The lions heart south, at 10 and 25 minutes at night.  
 The lions tail south, 2 minutes after midnight.  
 Virgins Spick south, at one and 38 minutes morning.  
 Arcturus south, at 2 and 31 minutes morning.  
 South balance south, at 3 and 2 minutes morning.  
 Scorpions heart south, at 4 and 38 minutes morning.

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 25 8  
 26 7  
 27 6  
 28 5  
 29 4  
 30 3  
 31 prid.



# April hath xxx dayes.

Last quarter the 1 day, at 6 and 42 minutes at night.  
 New moon the 9 day, at 9 and 36 minutes morning.  
 First quarter the 17 day, at 1 and 39 minutes afternoon.  
 Full moon the 24 day, at 10 minutes afternoon.

1	☾ Easter day	capz 19	6 43	9	East	1 Cal.
2	a Mary Egyp	aqu 3 * h ☾ 5 a	6 45	9 48	d 12	2 4
3	b Richard	aqu 16 Δ ♂ ♀ 6 p	6 47	10 31	e 13	3 3
4	c Ambrose	aqu 30 □ ☾ h 11 a	6 49	11 15	f 14	4 Prid
5	d Vincent	pisc 12 ♂ ♀ 8 p	6 50	12 00	g 15	5 Non.
6	e Strus	pisc 25 Δ ☾ h 7 p	6 52	12 45	a 16	6 8
7	f Egisipus	arte 7 Δ ♂ ☾ 11 p	6 54	1 30	b 17	7 7
8	☿ 1 Sund.af.East.	arte 19 ♂ ☾ 3 p	6 56	2 15	c 18	8 6
9	a ☿ in ☿ 6.7 p	taur 1 ☿ eclipsed.	6 58	3	d 19	9 5
10	b 7000 Virgins	taur 13 ☿ ☾ 1 p	7	3 45	e 20	10 4
11	c Leopap.	taur 25 ♂ h ☾ 8 p	7 2	4 30	f 21	11 3
12	d Julius bish.	gem 6	7 4	5 15	g 22	12 Prid
13	e Ermigil	gem 18 * ☾ ♂ 4 a	7 6	6 00	a 23	13 Idus
14	f Male:tan	gem 30 ☿ ♀ ☾ 4 a	7 8	6 50	b 24	14 18
15	☿ 2 Sund.af. East	can 12 ♂ ♀ ☾ 2 a	7 9	7 32	c 25	15 17
16	a Quind. Pasch.	can 25 Δ h ☾ 6 p	7 11	8 15	d 26	16 16
17	b Antelet	leo 6 ♂ ☾ ♀ 11 a	7 13	9	e 27	17 15
18	c Term begin	leo 20 ♂ ☾ ☾ 4 a	7 15	9 48	f 28	18 14
19	d Alphage	virg 3 □ ☾ h 2 a	7 17	10 40	g 29	19 13
20	e Altor	virg 17 Δ ♀ ☾ 4 a	7 18	11 34	a 30	20 12
21	f Simeon bish.	lib 1 * h ☾ 6 a	7 20	12 27	b 31	21 11
22	☿ 3 Sun. af. East.	lib 14 □ ♂ ♀ 7 p	7 21	1 20	c 2	22 10
23	a GEORGE	lib 30 ♂ ♀ ☾ 8 p	7 23	2 15	d 3	23 9
24	b Egbert Fast	scoz 15 ☾ eclipsed.	7 25	3	e 4	24 8
25	c Mark evang.	scoz 29 ♂ h ☾ 8 a	7 26	3 48	f 5	25 7
26	d Clete bish.	sag 14 Δ ♂ ☾ 7 p	7 28	4 40	g 6	26 6
27	e Anastasius	sag 29 Δ ♀ ☾ 11 p	7 30	5 30	a 7	27 5
28	f Vitalis	capz 14 □ ☾ ♀ 10 a	7 31	6 25	b 8	28 4
29	☿ 4 Sun.af. East.	capz 28 * h ☾ 9 a	7 33	7 20	c 9	29 3
30	a Mens. Pasch.	aqu 12 □ ☾ ♀ 2 a	7 34	8 12	d 10	30 Prid

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The lions heart south, at 8 and 34 minutes at night.  
 The lions tail south, at 10 and 9 minutes at night.  
 Virgins Spick south, at 11 and 45 minutes at night.  
 Arcturus south, at 38 minutes after midnight.  
 South-balance south, at one and 9 minutes morning.  
 Scorpions heart south, at 2 and 46 minutes morning.  
 Hercules head south, at 3 and 37 minutes morning.

	East
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5	g 15
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9	b 17
11	c 18
13	d 19
15	e 20
17	f 21
19	g 22
21	a 23
23	b 24
25	Mars
26	d 26
27	e 27
28	f 28
29	g 29
30	a 30
1	May
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3	c 3
4	d 4
5	e 5
6	f 6
7	g 7
8	a 8
9	b 9
10	c 10

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12	Prid
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1	b	Phil. & Jacob	aqu	26	☐	♂	♂	1 p	7 35	9	e	11
2	c	Nehanasius	pisc	9	*	♂	♂	8 a	7 37	9 45	e	12
3	d	Inven. cruc.	pisc	22	*	♂	♂	9 p	7 39	10 30	e	13
4	e	Monica	arie	4	*	♀	♀	10 p	7 41	11 15	a	14
5	f	Goddard	arie	17	♂	♀	♀	11 p	7 43	12 00	b	15
6	g	Rogation sun.	arie	29	♂	♂	♂	2 p	7 44	12 45	e	16
7	a	Quind. Pasch.	tau	10	♂	♂	♂	2 a	7 46	1 30	d	17
8	b	Appari Mich.	tau	24	♂	♂	♂	9 p	7 47	2 15	e	18
9	c	Gregory	gem	4	♂	♂	♂	apog.	7 48	3	e	19
10	d	Ascension dñi	gem	15	♂	♂	♂	8 p	7 49	3 44	a	20
11	e	Craft Ascens	gem	27	♂	♂	♂	9 a	7 51	4 32	a	21
12	f	Jun II	canc	9	♂	♂	♂	2 p	7 52	5 13	b	22
13	g	6 Sun. aft. East	canc	21	♂	♂	♂	10 p	7 54	5 56	c	23
14	a	Term ends	leo	3	♂	♂	♂	10 a	7 55	6 40	d	24
15	b	Sophie	leo	16	♂	♂	♂	1 a	7 56	7 25	e	25
16	c	Servatias	leo	28	♂	♂	♂	11 a	7 57	8 10	f	26
17	d	Barnard	virg	12	*	♀	♀	7 a	7 58	9	g	27
18	e	Diaskoz	virg	25	*	♂	♂	1 p	7 59	10 00	a	28
19	f	Dunstan	libz	9	♂	♂	♂	10 a	8	11 00	b	29
20	g	Whit Sunday	libz	23	*	♂	♂	10 p	8	12 00	c	30
21	a	Hellen Qu.	scor	8	♂	♂	♂	5 p	8	1 00	d	31
22	b	Julia	scor	23	♂	♀	♀	1 p	8	2 00	e	1
23	c	Ember week	sag	8	♂	♂	♂	1 a	8	3 43	f	2
24	d	Serul. mart.	sag	23	vac.	curf.			8	5 3	g	3
25	e	Urban	capz	8	♂	♂	♂	7 p	8	6 44	a	4
26	f	Bede priest	capz	23	*	♂	♂	4 p	8	7 5	b	5
27	g	Trinitie sun.	aqu	7	♂	♂	♂	10 p	8	7 6	c	6
28	a	Craft. Trinit.	aqu	21	♂	♂	♂	6 p	8	8 7	d	7
29	b	Coronis	pisc	5	♂	♂	♂	11 a	8	9 8	e	8
30	c	Felix	pisc	18	*	♀	♀	7 p	8	9 9	f	9
31	d	Betronilla	pisc	30	♂	♂	♂	5 p	8	10 9	g	10

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Virgins Spick south, at 9 a clock and 53 minutes at night.  
 Arcturus south, at 10 a clock and 45 minutes at night.  
 South balance south, at 11 and 16 minutes at night.  
 North balance south, at 11 and 33 minutes at night.  
 Scor pions heart south, 53 minutes after midnight.  
 Hercules head south, at one and 42 minutes morning.  
 Lucida Lira south, at 3 and 11 minutes morning.

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b	22	12
c	23	13
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f	26	16
g	27	17
a	28	18
b	29	19
Whit		20
d	31	21
June		22
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g	3	24
a	4	25
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# June hath xxx dayes.

New moon the 7 day, at 5 a clock at night.

First quarter the 15 day, at 11 a clock and 18 min. morning

Full moon the 22 day, at 2 and 29 minutes morning.

Last quarter the 29 day, at 3 and 23 minutes morning.

1	e	Term begin	arte	13	♂	h	♀	5	a	8	10	10	34	a	11
2	f	Marcelline	arte	26	✱	☉	☾	4	a	8	11	11	18	b	12
3	☉	1 Sund. aft. Tr.	taur	8	☾	♂	3	a	8	11	12	2	☉	13	1
4	a	Octa Trinit.	taur	20	♂	♀	☾	3	a	8	12	13	43	b	14
5	b	Bonifac	gem	1	♂	☾	♀	5	a	8	12	1	26	c	15
6	c	Claudius	gem	13	☐	♂	☾	3	a	8	12	2	14	e	16
7	d	Mosian tran	gem	25	♂	☉	☾	5	p	8	13	3		g	17
8	e	William	canc	6	♂	☾	♀	10	a	8	13	3	44	a	18
9	f	Helctian	canc	18	✱	♀	☾	7	a	8	13	4	28	b	19
10	☉	2 Sund. aft. Tr.	canc	30	✱	☾	♀	10	p	8	13	5	12	☉	20
11	a	Quind. Trin.	leo	12	☐	♀	☾	7	p	8	13	5	56	b	21
12	b	Quind. Trin.	leo	25	♂	☉	♀	11	a	8	13	6	40	e	22
13	c	Anthonte	birg	7	♂	♂	☾	9	p	8	13	7	24	e	23
14	d	Basil bish.	birg	21	✱	☾	♀	5	p	8	13	8	10	John	24
15	e	Modestus	lib	4	☐	☉	☾	11	a	8	1	9		a	25
16	f	Volartus	lib	18	△	☾	♀	1	a	8	12	9	52	b	26
17	☉	3 Sund. aft. Tr.	scor	2	△	♀	☾	3	a	8	12	10	44	☉	27
18	a	Tres Trinit.	scor	17	♂	☾	h	10	f	8	12	11	36	d	28
19	b	Ferbale	sag	2	vac.	curf.				8	11	12	28	Peter	29
20	c	Term ends	sag	17	☐	♂	♀	6	a	8	11	1	20	e	30
21	d	Edward tran	cap	2	♂	♀	☾	2	a	8	10	2	12	July	1
22	e	Alban	cap	16	✱	☾	h	11	p	8	10	3		a	2
23	f	Cetheld Fast	aqu	1	△	♀	☾	10	p	8	9	3	52	b	3
24	☉	John Baptif	aqu	15	☐	♀	☾	5	l	8	9	4	44	☉	4
25	a	Eligius	aqu	29	☐	h	☾	2	a	8	8	5	36	b	5
26	b	John & Paul	pisc	13	✱	☾	♀	11	p	8	8	6	28	e	6
27	c	Crescentes	pisc	26	△	♀	☾	7	a	8	7	7	20	f	7
28	d	Leo pap. Fast	arte	8	♂	♀	☾	4	p	8	7	8	12	g	8
29	e	Peter apottle	arte	22	☐	☉	☾	3	r	8	6	9		a	9
30	f	Com. of Paul	taur	4	☾	♂	1	a	8	5	9	44		b	10

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Arcturus fourth, at 8 a clock and 41 minutes at night.  
South balance fourth, at 9 and 12 minutes at night.  
North balance fourth, at 9 and 40 minutes at night.  
Hercules head fourth, at 11 and 39 minutes at night.  
Lucida Lira fourth, at 1 and 7 minutes morning.  
The Dolphins head fourth, at 2 and 57 minutes morning.

34	a	11
18	b	12
2	c	13
3	d	14
6	e	15
4	f	16
	g	17
4	a	18
8	b	19
2	c	20
6	d	21
0	e	22
4	f	23
John		24
a		25
2	b	26
	c	27
d		28
Peter		29
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21 11

22 10

23 9

24 8

25 7

26 6

27 5

28 4

29 3

30 Prid



# July hath xxxi dayes.

New moon the 7 day, at 7 and 22 minutes morning.  
 First quarter the 14 day, at 6 and 26 minutes at night.  
 Full moon the 21 day, at 10 and 4 minutes morning.  
 Last quarter the 28 day, at 7 and 20 minutes afternoon.

1	5	Sun. aft. Tri	tau	16	* ☉ ♀	7 p	8	4	10	28		
2	a	Uist Mary	tau	28	☉ h	2 a	8	3	11	12	d	11
3	b	Tran. of Tho	gem	10	vac. curs.		8	2	11	56	e	13
4	c	Martin trans	gem	22	☐ ☉ ♂	6 p	8	1	12	40	e	14
5	d	Joe b rg.	canc	4	☐ ☉ ♀	2 a	8		1	24	e	15
6	e	Oct. S. Peter	canc	16	* ♀ ☉	10 p	7	59	2	8	a	16
7	f	Partialis	canc	28	☐ h	3 a	7	58	3		b	17
8	a	6 Sun. aft. Tri	leo	10	vac. curs.		7	57	3	52	b	18
9	a	Cyrill bth.	leo	22	☐ h	2 p	7	56	4	43	d	19
10	b	7 Brethren	virg	4	* ☉ ♂	3 p	7	54	5	32	e	20
11	c	Paul	virg	20	* ☉ ♀	10 p	7	53	6	24	e	21
12	d	☉ in ♍ 8, 6 p	libz	1	☉ ♂	10 a	7	52	7	16	e	22
13	e	Enaclet	libz	14	☐ ☉ ♀	1 p	7	51	8	8	a	23
14	f	Bonavent	libz	28	☐ ☉	6 p	7	50	9		b	24
15	a	7 Sun. aft. Tri	scor	12	☐ ☉ ♀	8 p	7	48	9	52	arme	25
16	a	☉ dog dayes beg	scor	27	☉ ♀	11 a	7	47	10	44	d	26
17	b	Alexius	sag	11	☐ ☉	1 a	7	45	11	36	e	27
18	c	Simpzon	sag	26	☐ h ♀	5 p	7	44	12	28	e	28
19	d	Arnulphus	capz	11	* ☉ ♀	10 p	7	43	1	20	e	29
20	e	Margaret	capz	25	☉ ♀	8 a	7	41	2	12	a	30
21	f	Praxed	aqu	10	☉ h ♀	2 p	7	40	3		b	31
22	a	8 Sun. aft. Tri	aqu	24	☐ h	10 a	7	38	3	52	Aug.	2
23	a	Apollinarius	pisc	7	vac. curs.		7	37	4	43	d	3
24	b	Christin Fast	pisc	21	☐ ☉	4 p	7	35	5	36	e	4
25	c	S. James apoff	arie	4	☉ ☉ ♂	6 p	7	33	6	28	e	5
26	d	An. mat. Mar	arie	17	☐ ☉	5 a	7	32	7	22	e	6
27	e	Pantall	arie	29	☉ ♍	3 p	7	30	8	14	a	7
28	f	Samplon	tau	12	* ☉ ♂	3 p	7	29	9		b	8
29	a	9 Sund. aft. Tr	tau	24	☉ ♀	11 a	7	27	9	44	e	9
30	a	Abdone & Sem	gem	6	☐ ☉ ♂	9 p	7	25	10	28	d	10
31	b	Flantini	gem	18	☐ apog.		7	23	11	12	e	11

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Hercules head south, at 8 and 41 minutes at night.  
Lucida Lira south, at a 11 and 3 minutes at night.  
The eagles heart south, 19 minutes after midnight.  
The Dolphins head south, 53 minutes after midnight.  
Pegasus mouth south, at 2 and 5 minutes morning.  
Fomahand south, at 3 and 14 minutes morning.  
Pegasus shoulder south, at 3 and 24 minutes morning.

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# August hath xxxi dayes.

New moon the 5 day, at 8 a clock and 28 minutes at night  
 First quarter the 13 day, 36 minutes before one morning.  
 Full moon the 19 day at 7 a clock and 35 minutes at night  
 Last quarter the 27 day, at 1 a clock & 30 m in. after noon

1	c	Lammas day	canc	1	vac. curs.	7	21	11	56	f	11
2	d	Stephen	canc	12	☐♂☾ 1 p	7	20	12	40	g	12
3	e	Inb. of Ste	canc	24	△♂☾ 9 a	7	18	1	24	a	13
4	f	Dominie	leo	7	♂☉♀ 11 a	7	16	2	12	b	14
5	g	10 Sund. aft. Tr	leo	19	☐♂☉ 2 p	7	14	3			15
6	a	Transl. Dom	virg	1	☐♀☽ 2 a	7	12	3	44	d	16
7	b	Donatus	virg	14	☐☉♀ 2 a	7	10	4	28	e	17
8	c	Cyriac, mart.	vir	27	*♂☾ 4 a	7	8	5	14	f	18
9	d	Roman mart.	libz	11	♂☉☾ 11 p	7	6	6	00	g	19
10	e	Laurence	libz	24	*☉☾ 6 p	7	5	6	42	a	20
11	f	Cybert	scor	8	vac. curs.	7	3	7	26	b	21
12	g	11 Sun. aft. Tr	scor	23	♂☾☽ 1 p	7	1	8	12	d	22
13	a	10 In. n. 247. a	sag	7	☐♀☽ 9 a	7		9			23
14	b	Eusebius	sag	22	☐♂♀ 6 a	6	58	10	00		24
15	c	Assum. of Mar.	capz	6	☐♀♀ 4 p	6	56	11	00	f	25
16	d	Roche confel.	capz	21	*♂☾ 4 p	6	54	12	00	g	26
17	e	Octa Laur.	aqu	5	vac. curs.	6	52	1	00	a	27
18	f	Agagit.	aqu	19	☐♂☾ 8 p	6	50	2	00	b	28
19	g	12 Sun. aft. Tr	pisc	3	♂♀☾ 7 a	6	48	3			29
20	a	Barnard	pisc	16	♂☉♀ 11 p	6	47	3	54	d	30
21	b	100. d. end	pisc	29	*♀☾ 5 a	6	45	4	45	e	31
22	c	Octa Mary	arie	12	△♂♀ 8 p	6	43	5	30		
23	d	Sachet Fast	arie	24	☐☉☽ 10 p	6	41	6	15		
24	e	Barthol. apostl	tau	7	△♂♀ 10 a	6	39	7	00	a	3
25	f	Lewis & fr	tau	19	♂♀☽ 11 p	6	37	7	40	b	4
26	g	13 Sun. aft. Tr	gem	2	△♂♀ 1 p	6	35	8	20		
27	a	Ruffinus	gem	14	☐☽ Apog.	6	33	9		d	6
28	b	Augustine	gem	26	△♂☽ 8 p	6	31	9	42	e	7
29	c	John B. behe.	canc	8	*♂♀ 9 p	6	29	10	26	f	8
30	d	Felix & Dan.	canc	20	△♂☾ 8 p	6	28	11	12	g	9
31	e	Bartholus	leo	2	☐☉♂ 10 a	6	26	12	00	a	10

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Lucida Lira south, at 9 a clock at night.

The eagles heart south, at 10 and 7 minutes at night.

The dolphins head south, at 10 and 51 minutes at night.

Pegasus mouth south, at midnight.

Pegasus neck south, at one in the morning.

Fomahand south, at one and 12 minutes morning.

Andromedas head south, at 2 and 25 minutes morning.

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# September hath xxx dayes.

Mew moon the 4 day, at 8 and 45 minutes morning.  
 First quarter the 11 day, at 6 and 16 minutes morning.  
 Full moon the 18 day, at 8 and 2 minutes morning.  
 Last quarter the 26 day at 8 and 40 minutes morning.

1	f	Cyles	leo	15	* ♀ ☾	4 a	6	24	12	46	b	11	1 Cal.
2	g	14 Sun. afr. Tr	leo	28	☐ ☾ ☾	6 a	6	22	1	30	g	2	2 4
3	a	Gregory	virg	10	vac. curs.		6	20	2	14	d	13	3 3
4	b	Cuthbert	virg	24	☐ ☾ ☾	8 a	6	18	3		e	14	4 Prid
5	c	Bertine	lib	7	vac. curs.		6	16	3	50	f	15	5 Nov.
6	d	Magni	lib	21	☐ ☾ ☾	8 a	6	14	4	42	g	16	6 8
7	e	Nat. Qu. Eliz.	scor	5	* ☐ ☾	11 a	6	1	5	36	a	17	7 7
8	f	Nat. M. virg	scor	19	☐ ☐ ☾	4 a	6	10	6	28	b	18	8 6
9	g	15 Sun. afr. Tr	sag	3	☐ ☐ ☾	5 a	6	8	7	18	c	19	9 5
10	a	Silbius	sag	18	* ☐ ☾	9 a	6	6	8	10	d	20	10 4
11	b	Prothus	cap	3	☐ ☐ ☾	4 a	6	4	9		e	21	11 3
12	c	10 in 10.24 p	cap	17	☐ ☐ ☾	11 p	6	2	9	52	f	22	12 Prid
13	d	Maximilian	aqua	1	☐ ☐ ☾	9 p	6	10	44	g	23	13 Idus	
14	e	Holy rood	aqu	15	☐ ☐ ☾	5 a	5	58	11	36	a	24	14 18
15	f	Richomedes	aqu	29	☐ ☐ ☾	6 a	5	56	12	28	b	25	15 17
16	g	16 Sun. afr. Tr	pisc	12	☐ ☐ ☾	1 p	5	54	1	20	c	26	16 16
17	a	Lambert	pisc	25	☐ ☐ ☾	1 p	5	52	2	12	d	27	17 15
18	b	Victorius	arie	8	☐ ☐ ☾	11 a	5	50	3		e	28	18 14
19	c	Ember week	arie	20	vac. curs.		5	48	3	44	f	29	19 13
20	d	Eustace Fast	tau	3	☐ ☐ ☾	3 a	5	46	4	28	g	30	20 12
21	e	Marthew apo	tau	15	☐ ☐ ☾	2 p	5	44	5	12	a	31	21 11
22	f	Maurice	tau	27	☐ ☐ ☾	8 a	5	42	5	56	b	2	22 10
23	g	17 Sun. afr. Tr.	gem	9	☐ ☐ ☾	10 p	5	40	6	40	c	3	23 9
24	a	Androchite	gem	21	vac. curs.		5	38	7	24	d	4	24 8
25	b	Armin	canc	5	☐ ☐ ☾	9 a	5	36	8	10	e	5	25 7
26	c	Justin	canc	15	☐ ☐ ☾	8 a	5	34	9		f	6	26 6
27	d	Colin. & Dam	canc	28	☐ ☐ ☾	10 a	5	32	9	52	g	7	27 5
28	e	Edith virg.	leo	10	* ☐ ☾	11 p	5	30	10	44	a	8	28 4
29	f	Michael arch	leo	23	☐ ☐ ☾	8 p	5	28	11	36	b	9	29 3
30	g	18 Sun. afr. Tri	virg	1	* ☐ ☾	1 a	5	26	12	28	c	10	30 Prid



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The dolphins head south, at 8 and 57 minutes at night.  
 Pegasus mouth south, at 10 and 9 minutes at night.  
 Fomahand south, at 11 and 18 minutes at night.  
 Andromedas head south, 31 minutes after midnighr.  
 First starre or aries south, at 2 and 16 minutes morning.  
 Pleiades of 7 starres south, at 4 and 8 minutes morning.  
 The buls eye south, at 4 and 57 minutes morning.

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# October hath xxxi. dayes.

New moon the 3 day, at 8 and 12 minutes at night.  
 First quarter the 10 day, at 1 and 8 minutes afternoon.  
 Full moon the 17 day, 42 minutes before midnight.  
 Last quarter the 26 day, at 3 and 28 minutes morning.

1	a	Benignus	vir	19	△ ♀ ☾	10 p	5	24	1	20	b	11
2	b	Leodign bish.	libz	2	* ☾ ☿	3 a	5	22	2	12	e	12
3	c	Candid	libz	16	☉ eclipsed		5	20	3		f	13
4	d	Francis	libz	30	☿ ♀ ☾	8 a	5	18	3	52	g	14
5	e	Apollinaris	scor	14			5	16	4	45	a	15
6	f	Octab. Mich.	scor	29	☿ ☾	10 a	5	14	5	36	b	16
7	☉	19 Sun. aft. Tr	sag	14	☉ ☿	6 p	5	12	6	28	☉	17
8	a	Deleg	sag	28	☿ ☿	4 p	5	10	7	20	Luk	18
9	b	Term begin	capz	13			5	8	8	12	e	19
10	c	Cleobont	capz	27	△ ♀ ☾	5 a	5	6	9		f	20
11	d	☉ in m	aqu	12	* ☾ ☿	1 p	5	4	9	46	g	21
12	e	Milfrang	aqu	25	☐ ♀ ☾	1 a	5	2	10	31	a	22
13	f	Quind. Mich.	pisc	9	☐ ☾ ☿	5 p	5		11	15	b	23
14	☉	20 Sun. aft. Tr	pisc	22	△ ♀ ☾	11 a	4	58	12	00	☉	24
15	a	Aurelia	arie	5	* ☾ ♀	2 p	4	57	12	45	☉	25
16	b	Gallus	arie	17	△ ☿ ☾	8 a	4	55	1	30	e	26
17	c	Etheldred	arie	30	☾ eclipsed		4	53	2	15	f	27
18	d	Luke evang.	tau	12			4	51	3		Sim	28
19	e	Fridstoid	tau	24	☿ ♀ ☾	10 a	4	49	3	45	a	29
20	f	Tres Mich.	gem	5	☿ ☾ ☿	2 p	4	48	4	30	b	30
21	☉	21 Sun. aft. Tr	gem	17	△ ♀ ☾	11 p	4	46	5	15	☉	31
22	a	Seberus	gem	29			4	44	6	00	☉	32
23	b	Ignatius	can	11	△ ☉ ☾	11 a	4	42	6	45	e	33
24	c	Maglozie	can	23	☿ ♀ ☾	1 a	4	40	7	30	f	34
25	d	Chilpin	leo	5	△ ☿ ☾	9 p	4	39	8	15	g	35
26	e	Barthst	leo	18	☐ ☾ ♀	7 p	4	37	9		a	36
27	f	Menl Mic. Fast	leo	30	☐ ☿ ☾	11 a	4	35	9	50	b	37
28	☉	Simon & Jude	virg	13	☐ ☿ ☾	9 a	4	33	10	42	☉	38
29	a	Marcissus	virg	27	* ☾ ☿	6 p	4	31	11	36	d	39
30	b	German	libz	11	☿ ☾ ♀	9 p	4	30	12	28	e	40
31	c	Quintin Fast	libz	25	☾ ☿	2 p	4	29	1	20	f	41

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Fornahand south, at 9 and 29 minutes at night.

Audromedas head south, at 10 and 42 minutes at night.

The whales tayl south, at 11 and 18 minutes at night.

First starre of aries south, 27 minutes after midnight.

The whales jaw south, at 1 and 37 minutes morning.

Pleiades or 7 starres south, at 2 and 19 minutes morning.

The buls eye south, at 3 and 8 minutes morning.

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# November hath xxx dayes.

New moon the 2 day, at 7 and 12 minutes morning.  
 First quarter the 8 day, at 10 and 27 minutes at night.  
 Full moon the 16 day, at 5 and 19 minutes at night.  
 Last quarter the 14 day, at 8 and 44 minutes at night.

1	d	All saints	scor	0	♂ ♀ ☾	1 a	4	27	2	8	g	11
2	e	All souls	scor	23	♂ ☽ ☾	4	25	3		a	12	
3	f	Craft anim.	lag	8	♂ ☾ ♀	6 a	4	23	4	00	b	13
4	☉	23 Sun. aft. Tri	lag	23	♂ ☽ ☾	2 a	4	21	5	00	☉	14
5	a	Gunpowd. trea	cap	8	* ☽ ☽	11 a	4	20	6	00	d	15
6	b	Leonard	cap	23	♂ ☽ ☾	7 a	4	18	7	00	e	16
7	c	Willibrode	aqu	7	☐ ♀ ☾	6 p	4	16	8	00	f	17
8	d	4 Crowned m.	aqu	22	☐ ☽ ☽	9 a	4	15	9		g	18
9	e	Theodore	pisc	5	☽ ☐ ☽	5 a	4	13	9	54	a	19
10	f	Cryphon	pisc	19	♂ ☾ ☐	6 p	4	12	10	45	b	20
11	☉	24 Sun. aft. Tri	arie	2	♂ ☽ ☾	11 a	4	10	11	30	☉	21
12	a	Craft. Mart.	arie	15	♂ ☽ ♀	4 p	4	9	12	15	b	22
13	b	Brice bish.	arie	27	♂ ☽ ☽	8 a	4	7	1	00	e	23
14	c	Erkinwald	tau	9	♂ ☽ ☽	1 a	4	6	1	40	f	24
15	d	Leopaldus	tau	21	♂ ☽ ☾	8 a	4	5	2	20	g	25
16	e	Edward depo	gem	2	♂ ☽ ☽	1 a	4	3	3		a	26
17	f	Hugo	gem	14	☽ apog.		4	2	3	42	b	27
18	☉	25 Sun. aft. Tri	gem	24	♂ ☽ ☽	4 p	4	1	4	26	☉	28
19	a	Octab. Mart.	canc	8	vac. curs.		4		5	10	d	29
20	b	Edmond k.	canc	20	* ☽ ☽	10 a	3	59	5	54	Andr	30
21	c	Dresen of ma.	leo	2	♂ ☽ ♀	11 p	3	58	6	40	Dece	
22	d	Cicily	leo	14	☐ ☽ ☾	9 p	3	57	7	26	g	1
23	e	Clement	leo	26	♂ ☽ ☽	11 p	3	56	8	12	a	2
24	f	Chrisogon	virg	9	☐ ☽ ☽	2 a	3	55	9		b	3
25	☉	26 Sun. aft. Tr	virg	22	♂ ☽ ☾	5 a	3	54	9	50	☉	4
26	a	Quind. Mart.	lib	5	♂ ☽ ☽	5 a	3	53	10	42	d	5
27	b	Agicola	lib	19	* ☽ ☽	6 a	3	52	11	34	e	6
28	c	Term ends	scor	3	* ☽ ☽	4 p	3	51	12	26	f	7
29	d	Saturn Fast	scor	17	☐ ☽ ☾	11 a	3	50	1	18	g	8
30	e	Andrew apost	lag	2	♂ ☽ ☽	3 p	3	50	2	10	a	9

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Andromedas head south, at 8 and 42 minutes at night.  
 The whales taile south, at 9 and 19 minutes at night.  
 First starre of aries south, at 10 and 27 minutes at night.  
 The whales jaw south, at 11 and 37 minutes at night.  
 The buls eye south, at one and 8 minutes morning.  
 Orions right shoulder south, at 2 and 42 minutes morning.  
 The great dog starre south, at 3 and 22 minutes morning.

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15	20	12
16	21	11
17	22	10
18	23	9
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21	26	6
22	27	5
23	28	4
24	29	3
25	30	2
26	31	1

Cal.	Prid	Non.
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18	23	9
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25	30	2
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18	23	9
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25	30	2
26	31	1

Cal.	Prid	Non.
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17	22	10
18	23	9
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Cal.	Prid	Non.
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18	23	9
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20	25	7
21	26	6
22	27	5
23	28	4
24	29	3
25	30	2
26	31	1

1	f	Pligius	sag	17	♂ ☉ ♀	4 p	3	49	3	b	11
2	a	Advent Sunday	capz	2	♂ ☉ ♀	5 a	3	49	3	53	12
3	a	Lucius h.	capz	17	♂ ☽ ♀	1 a	3	49	4	44	13
4	b	Barbare	aqu	2	* ☽	5 p	3	48	5	36	14
5	c	Sabbe	aqu	16	☐ ☾ ♀	1 p	3	48	6	28	15
6	d	Nicholas	aqu	30	△ ♀	4 p	3	48	7	20	16
7	e	Murose	pisc	14	* ☽	4 p	3	48	8	13	17
8	f	Concep. of Ma	pisc	28	☐ ♀ ☾	7 p	3	47	9		18
9	a	2 Sun. in Adv	arte	11	♂ ☐ ☾	5 p	3	47	9	45	19
10	a	Welchladrs	arte	24	☽ ☿	11 a	3	47	10	30	20
11	b	in yr 8 46 a	tau	6	△ ♀ ☾	1 p	3	47	11	15	21
12	c	Dynesel. mart.	tau	18	♂ ♀ ☽	8 a	3	47	12	00	22
13	d	Lucie birg.	tau	30	♂ ☽ ☿	11 a	3	47	12	45	23
14	e	Nichasius	gem	12	vac. curf.		3	47	1	30	24
15	f	Malerian	gem	24	☽ apog.		3	47	2	15	25
16	a	3 Sun. in Adve	canc	5	♂ ☉ ☾	1 p	3	47	3		26
17	a	Lazarus	canc	17	* ☽	11 a	3	48	3	47	27
18	b	Victor	canc	29	♂ ♀ ☾	7 p	3	48	4	34	28
19	c	Ember week	leo	11	☐ ☽	11 p	3	48	5	18	29
20	d	Julian Fast	leo	22	vac. curf.		3	49	6	2	30
21	e	Thomas apo.	virg	5	☐ ☿ ☾	3 p	3	49	6	46	31
22	f	30 Martyrs	virg	17	* ♀ ☿	11 a	3	50	7	30	32
23	a	4 Sun. in Adv.	virg	30	△ ♀ ☾	4 a	3	50	8	14	33
24	a	Ignat. Fast	libz	14	△ ☽ ♀	3 a	3	51	9		34
25	b	Christmas day	libz	27	☐ ♂ ☾	9 a	3	52	9	52	35
26	c	S. Stephen	scor	11	♂ ☽	7 p	3	53	10	45	36
27	d	John evang.	scor	26	* ☉	3 a	3	54	11	36	37
28	e	Innocens	sag	10	♂ ☿ ☾	7 a	3	55	12	28	38
29	f		sag	25	☐ ♀	11 p	3	56	1	20	39
30	a	James trans	capz	10	△ ☽	9 p	3	57	2	12	40
31	a	Wilbestar	cap	25	♂ ☾	9 p	3	58	3		41



First starre of aries south, at 8 and 19 minutes at night.  
 The whales jaw south, at 9 and 29 minutes at night.  
 Pleiades or 7 starres south, at 10 and 11 minutes at night.  
 The buls eie south, at 11 a clock at night.  
 The great dog starre south, at 1 and 14 minutes morning.  
 The little dog starre south, at 2 and 5 minutes morning.  
 The lions heart south, at 4 and 38 minutes morning.

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# A Concordance of yeares.

Ann. Dom. K. reigne Time exp. Easter day.

**K. Edward 6 began**  
January 28.

1546	1	86	april	25
1547	1	85	april	10
1548	2	84	april	1
1549	3	83	april	21
1550	4	82	april	6
1551	5	81	march	29
1552	6	80	april	17
1553	7	79	april	2

**M. Mary began**  
July 6.

1553	1	79	april	2
1554	1	78	march	25
1555	2	77	april	14
1556	3	76	april	5
1557	4	75	april	18
1558	5	74	april	10

**M. Elizabeth began**  
November 17.

1558	1	74	april	10
1559	1	73	march	26
1560	2	72	april	14
1561	3	71	april	6
1562	4	70	march	29
1563	5	69	april	11
1564	6	68	april	2
1565	7	67	april	22
1566	8	66	april	14
1567	9	65	march	30
1568	10	64	april	18
1569	11	63	april	10
1570	12	62	march	26
1571	13	61	april	15
1572	14	60	april	6
1573	15	59	march	22

Ann. Dom. K. reigne Time exp. Easter day.

1574	16	58	april	11
1575	17	57	april	3
1576	18	56	april	22
1577	19	55	april	7
1578	20	54	march	30
1579	21	53	april	19
1580	22	52	april	3
1581	23	51	march	26
1582	24	50	april	15
1583	25	49	march	31
1584	26	48	april	19
1585	27	47	april	11
1586	28	46	april	3
1587	29	45	april	16
1588	30	44	april	7
1589	31	43	march	30
1590	32	42	april	19
1591	33	41	april	4
1592	34	40	march	26
1593	35	39	april	15
1594	36	38	march	31
1595	37	37	april	20
1596	38	36	april	11
1597	39	35	march	27
1598	40	34	april	16
1599	41	33	april	8
1600	42	32	march	23
1601	43	31	april	12
1602	44	30	april	4

**K. James began**  
March 24.

1602	1	30	april	4
1603	1	29	april	24
1604	2	28	april	8
1605	3	27	march	31
1606	4	26	april	20

Ann. Dom. K. reigne Time exp. Easter day.

1607	5	25	april	1
1608	6	24	march	14
1609	7	23	april	1
1610	8	22	april	1
1611	9	21	march	14
1612	10	20	april	1
1613	11	19	april	1
1614	12	18	april	1
1615	13	17	april	1
1616	14	16	march	14
1617	15	15	april	1
1618	16	14	april	1
1619	17	13	march	14
1620	18	12	april	1
1621	19	11	april	1
1622	20	10	april	1
1623	21	9	april	1
1624	22	8	march	14
1625	23	7	april	1

**K. Charles began**  
March 27.

1625	1	7	april	1
1626	1	6	april	1
1627	2	5	march	14
1628	3	4	april	1
1629	4	3	april	1
1630	5	2	march	14
1631	6	1	april	1
1632	7	0	april	1



# The use of the table of Concordance.

**T**his table of concordance of yeares (as you see) divideth it self into 3 columnes; and every columnne is again divideth into 4 columnes, or rowes, as their severall titles shew. The first rowe under Ann. Dom. is the yeare of our Lord, beginning at 1546 (in which year K. Edward the 6 began his reigne) and so goes on to this year 1632. The second rowe is of the kings reigne, and it sheweth how the yeare of the King answereth to the yeare of our Lord. The third rowe under the title Time expired, sheweth how many yeares it is since that yeare of our Lord, or the kings reigne against which it is placed. And the last rowe under the title Easter day, sheweth upon what day Easter day fell, in any yeare in the table. And if you desire the Dominicall letter for any of these yeares, turn in the Almanack unto the day of the moneth that Easter day fell on, and the letter that answers thereto was the Dominicall letter for that yeare. The use is to shew how much of a lease or evidence is expired, whose date is set down either by the yeare of our Lord, or of the Kings reigne

## As for example.

I have a lease for an hundred yeares, bearing date the 20 of May 1550, and I would know this yeare 1632 how much of my lease is expired, & how much is yet in being. I look therefore under An. Dom. for the yeare of our Lord 1550, which found, I see in the columnne towards the right hand under K. reigne 4 yeares, which sheweth that it was in the 4 yeare of K. Edward the 6: And in the next columnne under Time expired is 82, which sheweth that there is so much of my lease expired; and take 82 out of an 100, and there remains 18; and so many yeares are yet in being the 20 of May 1632.

## Another example.

There is a lease granted for 60 yeares, dated the 24 of June, in the 34 yeare of Q. Elizabeth. I would know this yeare 1632 how much thereof is expired, and how much is yet in being. I look therefore, under the title K. reigne, for the 34 yeare of Queen Elizabeth answering to 1592: and under the title Time expired is 40 yeares, and so much of the lease is expired. Take 40 from 60, and there remains 20 yeares, and so much is yet in being. But if this lease had been dated the 21 day of December in the same yeare of the Q. reigne: yet had it not been dated in the yeare of our Lord 1592, but in the yeare 1591: And therefore I am to take for time expired 41, and then there rests 19 yeares yet in being. This last rule holds for all leases, or evidences that are dated between the beginning of the yeare of the Kings reigne, and the beginning of the yeare of our Lord, which is on the 25 day of March.



The foure quarters of this yeare 1631.

☉ in ♍, ☿, & ♋.

**W**inter is our first quarter astronomically, and taketh his beginning when the sunne entred into the first scruple of Capricorn which was in the precedent yeare 1631, on the 12 day of December at 2 a clock and 56 minutes in the morning, and continueth while the sunne passeth through ♍, ☿, and ♋, which will be 89 dayes, and 44 minutes of an houre, the true quantitie of this quarter.

☉ in ♈, ♊, and ♉.

**T**he Spring, being the second quarter of the astronomical yeare, taketh his beginning when the sunne entred into the first scruple of Aries: which is on the 10 day of March at 3 a clock and 58 minutes in the morning, and continueth while the sunne passeth through ♈, ♊, and ♉, which will be 93 dayes, 4 houres and 3 minutes, the true quantity of this quarter.

☉ in ♋, ♊, and ♈.

**S**ummer is the third quarter of the astronomical yeare, and beginneth when the sunne entred into the first scruple of Cancer: which will be the 11 day of June, at 3 a clock and 21 minutes in the morning: and continueth while the sunne passeth through ♋, ♊, and ♈; which will be in 93 dayes, 14 houres, and 32 minutes, the true quantity of this quarter.

☉ in ♏, ♍, and ♌.

**A**utumne is the fourth and last quarter of the astronomical yeare, and taketh his beginning when the sunne entred into the first scruple of Libra, which will be on the 12 day of September, at 10 a clock and 24 minutes at night: and continueth while the sunne passeth through ♏, ♍, and ♌, which will be 89 dayes 10 houres and 32 minutes, the true quantity of this quarter. These foure quarters added together, make the tropical yeare 365 dayes, 5 houres, and 51 minutes.



## The eclipses this yeare 1632.

There will be presented this yeare, to the view of the earths inhabitants, foure eclipses; that is to say, two of the sunne and two of the moon: whereof those of the sunne, and one of the moon, will not be seen in our horizon.

The first eclipse will be of the sunne, on the 9 of April: this eclipse will not be seen of us, but of them that inhabit in 31 degrees of south latitude, and in 70 degrees and 40 minutes longitude, as namely them that dwell in the south part of the great Ile of Madagascar or S. Laurence. To them it will be a great eclipse, and begins in that meridian at 11 and 29 minutes before noon, and continues 3 houres and 18 minutes.

The second eclipse is of the moon on the 24 day of April, neither will this be seen of us, but of them that inhabit in 190 degr. of longitude, and in 50 degr. of north latitude, as about the straights of Anian, and the most western parts of Mericana, as at Cap Mendocino; to them will this eclipse appear, and continue the space of two houres and 37 minutes.

The third eclipse is of the sunne on the 3 day of October, and this will be seen of them that have 31 de r. of north latitude, and 271 degr. of longitude, that is 7 houres and 40 minutes from our meridian: there it will be a great eclipse the space of 2 houres and 37 minutes; the digits eclipsed are 8 parts and 37 minutes.

The fourth eclipse is of the moon on the 17 day of October, and this eclipse which is the least of all will be seen of us

hour. min. sec.

The eclipse begins at	9	54	53	} at night;
The middle time at	11	18	00	
The end is at	12	41	07	
Continues eclipsed	2	46	14	
Digits eclipsed	5 parts	31	00	



Butler 1632.

A plain and easie table shewing the length of the  
sunnes shadow for every houre of the day,  
exactly calculated by the doctrine of  
triangles.

Before noon			12	11	10	9	8	7	6	5			
After noon			0	1	2	3	4	5	6	7			
June	10	0	5	6	6	7	5	10	13	19	30	57	
	30	23	5	7	6	2	7	6	10	13	19	31	59
May	20	4	6		6	5	8	11	14	20	32	64	
	10	13	6	4	7		8	4	11	15	22	35	80
	30	24	7		7	5	9	12	16	24	40	109	
April	20	3	7	8	8	3	9	8	13	17	26	48	194
	10	13	8	7	9		11	14	19	30	62		
	30	24	10		10	6	12	4	16	23	37	96	
March	20	3	11		12	14	18	27	47		187		
	10	13	13		14	16	21	31	63				
	28	23	15		16	19	25	39	99				
February	20	1	17		18	21	29	48	173				
	10	11	20		21	25	36	66	202				
	30	22	24		25	31	47	107					
January	20	1	28		30	37	59	296					
	10	11	32		35	44	77	732					
	30	23	36		40	52	100						
December	20	3	39		43	58	122						
	0	10	41		44	60	131						

The



th of the  
day,

## The use of the foregoing table.

6	5
6	7
30	57
31	59
32	64
35	80
40	109
48	194
52	
6	
87	

**T**his table of the length of the sunnes shadow, is to finde out the houre of the day by the help of a walking stasse, or what other gnomon you please to make use of, it being first divided into 10 equall parts, and then again one of those equall parts subdivided into 10 equall parts, and so shall your stasse or gnomon be supposed to be divided into 100 parts, wherewith if you desire the houre of the day, erect your stasse perpendicular, or upright upon a leuell ground, and note the length of the shadow; which shadowes length measured with the parts of the stasse, enter the number of those parts, into the table right against the day of the moneth: and that number found, note what number stands over it in the head of the table, which is the number of the houre before or after noon.

## For example.

I desire the houre of the day the 10 of March, I therefore (the sunne shining) set up my stasse, and finde the length of the shadow to contain 31 of those parts into which my stasse is divided; wherefore I look in my table for March, and the 10 day thereof, and in the same line towards the right hand I finde 31; and over it in the head of the table I finde 4 and 8, which is 8 in the morn. or 4 in the afternoon. Again the 30 of May I desire the houre of the day. I therefore set up my stasse as before, and finde the length of the shadow 7 whole parts, and some part of another, which I measure with the lesser divisions, and finde to be 6, that is 7 parts and 6 tenths, which I look in the table against the 30 of May, and finde over it 11, and 10, which is the houre of the day before or after noon, as the title above shewes.



**A table of interest at eight on the hundred.**

**Prin-  
cipall**

1 months		2 months		3 months		4 months		5 months		6 months	
li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000
1000	6 8 8 167	12 18	2 270	19 18	6 371	25 19	8 536	32 11	8 830	39 4	7 316
900	5 15 9 751	11 12	4 443	17 9	8 134	23 7	8 883	29 6	6 747	35 6	1 785
800	5 2 11 334	10 6	6 616	15 10	9 897	20 15	9 229	26 1	4 664	31 7	8 253
700	4 10 0 917	9 0	8 789	13 11	11 660	18 3	9 575	22 16	2 581	27 9	2 721
600	3 17 2 500	7 14	10 962	11 13	1 423	15 11	9 922	19 11	0 498	23 10	9 190
500	3 4 4 084	6 9	1 135	9 14	3 186	12 19	10 263	16 5	10 415	19 12	3 658
400	2 11 5 667	5 3	3 308	7 15	1 949	10 7	10 615	13 0	8 332	15 13	10 127
300	1 18 7 250	3 17	5 481	5 16	6 711	7 15	10 961	9 15	6 249	11 15	4 595
200	1 5 8 833	2 11	7 654	3 17	8 474	5 3	11 307	6 10	4 166	7 16	11 063
100	12 10 417	1 5	9 827	1 18	10 237	2 11	11 654	3 5	2 083	3 18	5 532
li.	Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000
90	11 6 975	1 3	2 844	1 14	11 613	2 6	9 288	2 18	7 875	3 10	7 378
80	10 3 533	1 0	7 862	1 11	0 990	2 1	6 929	2 12	1 666	3 2	9 225
70	9 0 092	18 0	8 79	1 7	2 356	1 16	4 558	2 5	7 458	2 14	11 072
60	7 8 650	15 5	8 96	1 3	3 742	1 11	2 192	1 19	1 250	2 7	0 919
50	6 5 208	12 10	9 14	19 5	11 9	1 5	11 827	1 12	7 041	1 19	2 766
40	5 1 767	10 3	9 31	15 6	4 95	1 0	9 461	1 6	0 833	1 11	4 613
30	3 10 325	7 8	9 48	11 7	8 41	15 7	0 96	10 6	6 625	1 3	6 459
20	2 6 883	5 1	9 65	7 9	2 47	10 4	7 31	13 0	4 17	15 8	3 06
10	1 3 442	2 6	9 83	3 10	6 24	5 2	3 65	2 6	2 08	7 10	1 53

1 months		2 months		3 months		4 months		5 months		6 months	
li.	Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000	li.	li. Sol. d. 1000



30	3 10 325	7 8 948	11 7 841	15 7 096	19 6 625	1 3 6 459
20	2 6 882	5 1 965	7 9 247	10 4 731	13 0 417	15 8 306
10	1 3 442	2 6 983	3 10 624	5 2 365	8 6 208	7 10 153

1		2		3		4		5		6	
monetas		monetas		monetas		monetas		monetas		monetas	
li.	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000	Sol. d. 1000
9	1 898	2 3	3 884	5 5	961	4 8	129	5 10	387	7 0	738
8	1 353	2 0	786	1 1	299	4 1	892	5 2	567	6 3	323
7	10 809	1 9	688	2 8	637	3 7	656	4 6	746	5 5	907
6	9 265	1 6	590	2 3	974	3 1	419	3 10	925	4 8	492
5	7 721	1 3	491	1 11	312	2 7	183	3 3	104	3 11	077
4	6 177	1 0	393	1 6	649	2 0	946	2 7	283	3 1	661
3	4 633	6 6	295	1 1	987	1 9	710	1 11	462	2 4	246
2	3 088	6 6	197	9 9	325	1 0	473	1 3	642	1 6	831
1	1 544	3 3	098	4 4	662	6 6	237	7 7	821	9 9	415
Sol.	1000	d. 1000	d. 1000	d. 1000	d. 1000	d. 1000	d. 1000	d. 1000	d. 1000	d. 1000	d. 1000
10	772	1 1	549	2 2	331	3 3	118	3 3	910	4 4	708
9	965	1 1	394	2 2	098	2 2	806	3 3	529	4 4	237
8	618	1 1	239	1 1	865	2 2	495	3 3	128	3 3	766
7	540	1 1	084	1 1	632	2 2	183	2 2	737	3 3	295
6	463		929	1 1	399	1 1	871	2 2	346	2 2	825
5	386		774	1 1	166	1 1	559	1 1	955	2 2	354
4	309		620		932	1 1	247	1 1	564	1 1	883
3	232		465		699		935		173	1 1	412
2	154		310		466		624		782		942
1	077		155		233		312		591		471
one penny 006,44		012,91		019,43		025,99		032,59		039,24	



**Table of interest at eight in the hundred.**

**Prin-  
cipall**

7 moneths		8 moneths		9 moneths		10 moneths		11 moneths		12 moneths	
li.	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li.	li.
1000	45 18 4 062	52 12 11 133	59 8 4 595	66 4 8 515	73 1 10 961	80					
900	41 6 6 056	47 7 7 619	53 9 6 535	59 12 2 863	65 15 8 665	72					
800	36 14 8 050	42 2 4 106	47 10 8 476	52 19 9 212	58 9 6 369	64					
700	32 2 10 043	36 17 0 593	41 11 10 417	46 7 3 560	51 3 4 073	56					
600	27 11 0 037	31 11 9 080	35 13 0 357	39 14 9 909	43 17 1 777	48					
500	22 19 2 031	26 6 5 566	29 14 2 297	33 2 4 258	36 10 11 480	40					
400	18 7 4 025	21 1 2 053	23 15 4 238	26 9 10 606	29 4 9 184	32					
300	13 15 6 019	15 15 10 540	17 16 6 178	19 17 4 955	21 18 6 888	24					
200	9 3 8 012	10 10 7 027	11 17 8 119	13 4 11 303	14 12 4 392	16					
100	4 11 10 006	5 5 3 513	5 18 10 059	6 12 3 652	7 6 2 296	8					

7 moneths		8 moneths		9 moneths		10 moneths		11 moneths		12 moneths	
li.	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li. Sol.d. 1000	li.	li.
900	4 2 7 806	4 14 9 162	5 6 11 454	5 19 2 686	6 11 6 466	7 4					
800	3 13 5 605	4 4 2 811	4 15 0 848	5 5 11 721	5 16 11 437	6 8					
700	3 4 3 404	3 13 8 459	4 3 2 242	4 12 8 756	5 2 4 037	5 12					
600	2 15 1 204	3 3 2 108	3 11 3 636	3 19 5 791	4 7 8 578	4 16					
500	2 5 11 003	2 12 7 757	2 19 5 030	3 6 2 826	3 13 1 148	4 0					
400	1 16 8 803	2 2 1 405	2 7 6 424	2 12 11 861	2 18 5 718	3 4					
300	1 7 6 602	1 11 7 054	1 15 7 818	1 19 8 895	2 3 10 289	2 8					
200	1 18 4 401	1 1 0 703	1 3 9 212	1 6 5 920	1 9 2 859	1 12					
100	0 3 201	10 6 331	11 10 606	13 2 505	14 7 430	16					

7 moneths		8 moneths		9 moneths		10 moneths		11 moneths		12 moneths	
li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000	li. Sol. d. 1000
900	4 2 7 806	4 14 9 162	5 6 11 454	5 19 2 686	6 11 6 466	7 4					
800	3 13 5 605	4 4 2 811	4 15 0 848	5 5 11 721	5 16 11 437	6 8					
700	3 4 3 404	3 13 8 459	4 3 2 242	4 12 8 756	5 2 4 037	5 12					
600	2 15 1 204	3 3 2 108	3 11 3 636	3 19 5 791	4 7 8 578	4 16					
500	2 5 11 003	2 12 7 757	2 19 5 030	3 6 2 826	3 13 1 148	4 0					
400	1 16 8 803	2 2 1 405	2 7 6 424	2 12 11 861	2 18 5 718	3 4					
300	1 7 6 602	1 11 7 054	1 15 7 818	1 19 8 895	2 3 10 289	2 8					
200	1 18 4 401	1 1 0 703	1 3 9 212	1 6 5 920	1 9 2 859	1 12					
100	0 3 201	10 6 331	11 10 606	13 2 505	14 7 430	16					



40 1 16 8 803 2 2 1 405 2 7 0 424 2 12 11 801 2 18 5 710 3 4  
 30 1 7 6 602 1 11 7 054 1 15 7 818 1 19 8 895 2 3 10 289 2 8  
 20 1 18 4 401 1 1 0 703 1 3 9 212 1 6 5 930 1 9 2 859 1 12  
 10 9 3 301 1 10 6 331 1 11 10 606 1 13 2 964 14 7 430 1 16

		7 months		8 months		9 months		10 months		11 months		12 months		
li.	Sol.	d.	1000	Sol.	d.	1000	Sol.	d.	1000	Sol.	d.	1000	Sol.	d.
9	8	3	181	9	716	10	8	345	11	11	069	13	1	887
8	7	4	160	8	081	9	6	085	10	7	172	11	8	344
7	6	5	140	7	446	8	3	824	9	3	276	10	2	801
6	5	6	120	6	811	7	1	594	7	11	379	8	9	258
5	4	7	100	5	176	5	11	303	6	7	483	7	3	715
4	3	8	080	4	541	4	9	042	5	3	586	5	10	172
3	2	9	060	3	905	3	6	782	3	11	690	4	4	629
2	1	10	040	2	270	2	4	521	2	7	793	2	11	086
1	11	11	020	1	635	1	2	261	1	3	897	1	5	543
Sol.														
10	5	510	518	6	518	7	130	7	948	8	771	9	8	894
9	4	959	686	5	686	6	417	7	153	7	894	8	7	017
8	4	408	054	5	054	5	704	6	358	6	140	7	6	263
7	3	857	422	4	422	4	991	5	563	5	769	6	5	386
6	3	306	790	3	790	4	278	4	974	4	509	5	4	509
5	2	755	159	3	159	3	565	3	179	3	584	4	3	754
4	2	204	527	2	527	2	832	2	590	2	877	3	2	960
3	1	653	855	1	855	2	139	1	795	1	073	2	1	1080
2	1	102	264	1	264	1	426	1	713					
1		551	632		632		713							
one penny		045,92	052,65	059,52	066,24	073,10								





## The use of the tables of Interest.

I have thought good here to place this table, for the forbearance of money after the rate of 8 in the hundred for a yeare, according to the statute now in force; wherein I have not exceeded any time above a yeare, because it seldom happens that moneys are let out for any longer time, yea seldom for any time so long as a yeare: but for three moneths, or six moneths, and then the lender takes for the use of 100 pound for three moneths 2 pound, and for six moneths 4 pounds, which is more then after the rate of 8 in the hundred for a yeare: for if 100 pound the first six moneths give 4 pounds, the same 104 pound being put out for the next six moneths, must give above 4 pounds more. Wherby you see the lender continually exacts of the borrower, bearing himself unjustly upon the statute Ann. Jacob. 21. cap. 17. I have therefore according to this statute calculated this true proportionall table, whose use is as follows.

The table, as you see, is divided into 12 columnes, answering to the 12 moneths of the yeare, as you may see on the head of every column; and on the left hand is an other column whose title is Principall, wherein you are to accompt your principall or money lent, which is set down in a retrograde order, differing first by hundreds, then by tens, and then by units of pounds, and lastly by shillings. I have also in the foot of every column set down the interest of one penny; so that if any pence be in the principall, whose interest you will not neglect, multiply the interest of one penny by the number of your pence, and cut off two figures toward the right hand, as you see them interpointed, and the rest is the interest of your pence. If therefore you would finde the interest of 300 pounds for five moneths, finde 300 under the title Principall; and carrying your eye in a right line till you come under five moneths, you have 9 pound 15 shillings 6 pence 249 parts of a penny, divided into 1000 parts. So, if you would have the interest of 50 pounds for the same time, look for 50 under the title Principall and in the column for five moneths you have 1 pound 12 shillings 7 pence, 041. And so for any other summe either of pounds or shillings.



As for example.

If 1675 pounds 14 shillings 7 pence, be let out for six moneths, I would know what the interest thereof will be for that time. I therefore write down the principall, drawing a line under it, as you see in the margine: then I look for the 1000 pound in the left hand columnne, and so proceeding till I come under six moneths, I finde 39 pound 4 shillings 7 pence, 316: which I place under the line right under the principall. Next I look for the 600 pound in the same right hand columnne, and so proceeding to the columnne of six moneths, I finde 23 pounds 10 shillings 9 pence, 190: which I place under the former summe. In like manner I may do for 70 pound, and the interest will be 2 pound 14 shillings 11 pence, 072. And the interest of 5 pound will be 3 shillings 11 pence, 077. Now I come to the 14 shillings, which I finde not in the table; but there is 10 shillings, and 4 shillings, which I take apart, and the interest of 10 shillings is 4 pence, 708: and the interest of 4 shillings is 1 penny, 883: which I place under the former summes. Last of all, I look for the interest of 7 pence, which I finde not; but there is the interest of a penny, which is 039, 24: this I multiply by 7 pence, and it is 274, 68: I cut off the 2 figure s towards the right hand, and place 274 under the other summes, and drawing another line, and adding them all together, it will be 65 pound 14 shillings 9 pence 520 parts of a penny; which is a little more then a halfpenny: or I might have added the interest and principall together and so it would have been 1741 pounds 09 shillings 4 pence, 520. Now if I let out this interest and principall for six moneths more, which is the remainder of the year, it will make interest and principall 1809 pound 15 shillings 9 pence, and so would the first summe have done, if it had been let out for a year. By which you see, that my table makes it all one, to let out monies for a whole year, or any part of a year to be the same in proportion: whereas if the same question, had been resolved by some other tables heretofore set forth, the interest for the first six moneths would have been 67 pound 00 shillings 7 pence; and that with the principall let out for the other six moneths, will make 1812 pound 09 shillings 4 pence, which is too much by 2 pound 13 shillings 7 pence in the year.

li.	sh.	d.	
1675	14	7	
39	4	7	316
23	10	9	190
2	14	11	072
	3	11	077
		4	708
		1	883
			274
65	14	9	520



Butler 1632.

January.							
Dates	day break	sun rise	leng. day	day increa	leng. night	twy light	
5 5	50 7	56 8	8	34 15	54 6	10	
10 5	45 7	50 8	20	46 15	50 6	15	
15 5	39 7	42 8	38 1	04 15	24 6	21	
20 5	32 7	34 8	54 1	20 15	8 6	28	
25 5	25 7	26 9	8 1	34 14	52 6	35	
30 5	18 7	17 9	26 1	52 14	34 6	42	

Saturn in 28 degr. of m, riseth at 3 a clock and 10 minutes, and is south at 7 and 16 minutes in the morning. Jupiter in 13 degr. of V, sets at 10 a clock and 51 minutes at night. Mars in 23 degr. of Q, riseth at 5 a clock and 57 minutes, and is south at 1 and 15 minutes, and sets at 8 and 33 minutes in the morning. Venus in 22 degr. of I, riseth at 5 a clock and 18 minutes in the morning. Mercury in 20 degr. of  $\approx$  sets, at 6 and 46 minutes at night.

February.							
Dates	day break	sunne rise	leng. day	day increa	leng. night	twy light	
5 5	7 7	5 9	50 2	16 14	10 6	53	
10 4	59 6	56 10	8 2	34 13	52 7	01	
15 4	49 6	46 10	28 2	54 13	32 7	11	
20 4	40 6	36 10	48 3	14 13	22 7	20	
25 4	30 6	26 11	8 3	34 13	52 7	30	
28 4	25 6	20 11	20 3	56 13	40 7	35	

Saturne in 29 degr. of m, riseth at 1 clock and 12 minutes, and is south at 5 and 17 minutes in the morning. Jupiter in 19 degr. of V, sets at 9 a clock and 22 minutes at night. Mars in the 11 degr. of Q, riseth a quarter before 3 a clock afternoon, is south at 10 and 24 minutes, and sets at 6 a clock next morning. Venus in the 20 degr. of  $\approx$ , riseth at 5 and 6 minutes in the morning. Mercury in the beginning of  $\times$ , sets half an houre after the sunne.

March



Butler 1632.

March.

Date	day break	sunne rise	leng. day	day increa	leng. night	twilight.
5 4	13 6	10 11	40 4	6 12	20 7	47
10 4	1 6	00 12	00 4	26 12	00 7	59
15 3	49 5	50 12	20 4	46 11	40 8	11
20 3	38 5	40 12	40 5	6 11	20 8	22
25 3	25 5	30 13	00 5	26 11	00 8	35
30 3	12 5	20 13	20 5	46 10	40 8	48

Saturne in 29 degr. of m, riseth at 11 a clock and 26 minutes at night, and is south at 3 and 31 minutes next morning. Jupiter in 25 degr. of v, sets at 8 a clock at night. Mars in 8 degr. of  $\Delta$  is south at 8 a clock and 25 minutes at night, and sets at 4 and 9 minutes next morning. Venus in 22 degr. of  $\infty$ , riseth at 4 a clock and 38 minutes in the morning. Mercury in 8 degr. of  $\times$  riseth at 5 a clock in the morning.

April.

Date	day break	sun rise	leng. day	day increa	leng. night	twilight
5 2	55 5	10 13	40 6	6 10	20 9	3
10 2	40 5	00 14	00 6	26 10	00 9	20
15 2	25 4	51 14	18 6	34 9	42 9	35
20 2	8 4	42 14	36 7	2 9	24 9	52
25 1	51 4	34 14	52 7	18 9	08 10	09
30 1	50 4	26 15	8 7	34 8	52 10	30

Saturne in 28 degr. of m, riseth at 9 a clock and 23 minutes at night, and is south at 1 a clock and 3 minutes, and sets at 5 a clock and 37 minutes in the morning. Jupiter in the beginning of  $\delta$ , is in conjunction with the sunne. Mars in 15 degr. of  $\Delta$ , is south at 6 a clock and 57 minutes past at night, and sets at half an houre past 2 next morning. Venus in 27 degr. of  $\times$ , riseth 44 minutes after 3 in the morning. Mercury in 5 degr. of  $\delta$  is in conjunction with the sunne.

May.



Butler 1632.

May.

Dates	day break	sun rise	leng. day	day increa	leng. night	twilight.
5	1	8 4	18 15	24 7	50 8	36 10
10	continual dawning.	35 4	11 15	38 8	4 8	22 11
15		4	4 15	52 8	18 8	8
20		3	59 16	02 8	28 7	58
25		3	54 16	12 8	38 7	48
30		3	50 16	20 8	46 7	40

Saturne 25 degr. of m riseth at 7 a clock and 11 minutes at night: is south at 11 and 2 minutes at night, and sets at 3 and 33 minutes next morning. Jupiter in 10 degr. of  $\delta$  riseth at 3 a clock in the morning. Mars in 27 degr. of  $\delta$  is south at 5 a clock and 56 minutes at night, and sets at one a clock the next morning. Venus in 3 degr. of  $\delta$  riseth at 1 a clock and 46 minutes in the morning. Mercury in 25 degr. of  $\Pi$  sets at 9 and 50 minutes at night.

June.

Dates	day break	sun rise	leng. day	day increa	leng. night	twilight.
5	continual dawning.	3	48 16	24 8	5 7	36
10		3	47 16	26 8	52 7	34
15		3	47 16	26 decreas.	0 7	34
20		3	49 16	22	4 7	38
25		3	52 16	16	10 7	44
30		3	55 16	10	16 7	50

Saturne in 23 degr. of m, is south at 9 a clock and 6 minutes at night, and sets 20 minutes after one next morning. Jupiter in 16 degr. of  $\delta$ , riseth at 1 a clock in the morning. Mars in 13 degr. of  $\eta$ , sets 17 minutes after 11 a clock at night. Venus in 10 degr. of  $\Pi$ , riseth 7 minutes after 2 a clock in the morning. Mercury the 12 day is in conjunction with the sunne at 10 and 30 minutes before noon.

July



## July.

Date	July.						
	day break	sunne rise	leng. day	day decrea	leng. night	twilight.	
5	continua	4	0 16	00	26 8	00	continua.
10	dawning.	4	6 15	48	48 8	12	twilight.
15	0	45 4	12 15	36	50 8	24	11 15
20	1	14 4	19 15	22 1	4 8	38	10 46
25	1	36 4	27 15	06 1	20 8	54	10 24
30	1	55 4	35 14	50 1	36 9	10	10 05

Saturne in 22 degr. of ♍, is south at 7 a clock, and sets at 11 a clock and 17 minutes the same night. Jupiter in 21 degr. of ♄, riseth at 11 a clock and 17 minutes at night, and is south at 7 a clock the next morning. Mars in the beginning of ♊, sets 44 minutes after 9 a clock at night. Venus and Mercury are in conjunction the 16 day at noon, being in 17 degr. 38 minut. of ♋, and rise both of them at 3 a clock in the morning.

## August.

Date	August.						
	day break	sunne rise	leng. day	day decrea	leng. night	twilight.	
5	2	16 4	46 14	28 1	58 9	32	9 44
10	2	32 4	55 14	10 2	16 9	50	9 28
15	2	46 5	4 13	52 2	3 10	8	9 14
20	3	1 5	13 13	34 2	5 10	26	8 59
25	3	24 5	13 13	14 3	12 10	46	8 46
30	3	27 5	22 12	56 3	30 11	4	8 33

Saturne in 23 degr. of ♋, sets 10 minutes after 9 a clock at night. Jupiter in 25 degr. of ♄ riseth at 9 a clock and 24 minutes at night, & is south at 5 a clock and 12 minutes next morning. Mars in 20 degr. of ♊, sets a quarter after 8 at night. Venus in 24 degr. of ♎ riseth a quarter after 4 a clock in the morning. Mercury in 12 degr. of ♊, followeth his master unto his lodging.

September

July



Butler 1632.

September.									
Dates	day break	sunne rise	leng. day	day decrea	leng. night	twy light			
5	3 42	5 44	12 32	3 54	11 28	8	13		
10	3 54	5 54	12 12	4 15	11 48	8	06		
15	4 56	4 11	12 4	4 34	12 8	7	55		
20	4 17	6 14	11 32	4 54	12 28	7	43		
25	4 27	6 24	11 12	5 14	12 48	7	31		
30	4 38	6 34	10 52	5 34	13 08	7	21		

Saturne in 25 degr. of m, sets at 7 a clock and 24 minutes at night. Jupiter in 25 degr. of  $\gamma$  riseth at 7 a clock and 34 minutes at night, and is south at 3 and 23 minutes next morning. Mars in 11 degr. of m, sets 3 minutes after 7 a clock at night. Venus the 13 day is in conjunction with the Sunne at one a clock in the morning. Mercury in 28 degr. of  $\alpha$ , sets at 6 a clock and 38 minutes at night.

October.									
Dates	day break	sunne rise	leng. day	day decrea	leng. night	twy light			
5	4 42	6 44	10 32	5 44	13 28	7	13		
10	4 56	6 54	10 12	6 14	13 48	7	04		
15	5 57	8 9	9 54	6 32	14 6	6	55		
20	5 14	7 12	9 36	6 50	14 24	6	46		
25	5 21	7 21	9 18	7 8	14 42	6	38		
30	5 30	7 30	9 00	7 26	15 00	6	30		

Saturne in 28 degr. of m, sets at 5 a clock and 48 minutes at night. Jupiter in 22 degr. of  $\gamma$ , riseth at 5 a clock and 38 minutes at night, and is south at one a clock and 21 minutes and sets at 9 a clock and 4 minutes next morning. Mars in 2 degr. of  $\gamma$ , sets at 6 a clock at night. Venus in 11 degr. of m, sets at 5 a clock and 10 minutes at night. Mercury in 21 degr. of  $\alpha$ , riseth at 6 a clock in the morning. The 8 day is a conjunction of Saturne and Jupiter at 4 a clock at night.

November



## November.

Date	day break	sunne rise	leng. day	day decrea	leng. night	twilight.
5	5	37	7 40	7 40	15 20	6 23
10	5	43	7 48	8 24	15 2	6 17
15	5	48	7 55	8 10	15 16	6 12
20	5	53	8 1	8 58	16 28	6 7
25	5	56	8 6	8 48	16 38	6 4
30	5	59	8 10	8 40	16 46	6 1

Saturne is in conjunction with the sunne; their time of meeting is the 14 day, in 2 degr. of  $\mathcal{Z}$ , at half an houre after one in the morning. Jupiter in 19 degr. of  $\mathcal{S}$ , riseth at 3 a clock and 22 minutes afternoon, and is south at 11 a clock at night, and sets at 6 and 36 minutes after the next morning. Mars in 25 degr. of  $\mathcal{Z}$ , sets a quarter of an houre past 5 a clock at night. Venus in 20 degr. of  $\mathcal{Z}$ , sets at 4 a clock and 54 minutes at night. Mercury in 22 degr. of  $m$ , riseth at 7 a clock in the morning.

## December.

Date	day break	sunne rise	leng. day	day decrea	leng. night	twilight.
5	6	1 8	12 7	8 36	16 50	5 24
10	6	2 8	13 7	8 34	16 52	5 26
15	6	1 8	13 7	8 34	16 52	5 26
20	6	0 8	11 7	8 38	16 4	6 22
25	5	58	8 7	44 10	16 16	6 16
30	5	54	8 3	44 20	16 6	6 6

Saturne in 5 degr. of  $\mathcal{Z}$  riseth at 6 a clock in the morning. Jupiter in 16 degr. of  $\mathcal{S}$ , is south at 8 a clock and 39 minutes at night, and sets 13 minutes after 4 a clock in the morning. Mars in 18 degr. of  $\mathcal{V}$ , sets 51 minutes past 4 a clock at night. Venus in 27 degr. of  $\mathcal{V}$ , sets at 5 and 4 minutes at night. Mercury in 13 degr. of  $\mathcal{V}$ , sets at 4 and 24 minutes at night.



The use of these monethly tables, is to finde the time the sunne-rising, the length of the day and night, the break, and the continuance of the light, with the increase and decreasing of the dayes: whose use will appear in one example.

January 20 day I desire all or any of the things be named: I therefore look for the moneth of January, and the left hand for the 20 day thereof, under the title D then proceed towards the right hand, and in the next column is 5 houres and 32 minutes for the day break, the title over it shewes: Next is 7 houres 34 minutes for the rising: Next is 8 houres 54 minutes, the length of the day: And next is 1 houre 20 minutes the dayes increase; as much are the dayes lengthened since they were at the least; and so the rest of the columnes as their titles shew. Onely note that the first number is houres, and the last is minutes. Note also that for every moneth you have in this table, the planets true place in the ecliptique, for the day of every moneth, with their nocturnall rising, setting, and setting, in houres and minutes.

FINIS.



Richard R.